

PTO/SB/08A (08-03)

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Substitution for form 1449/PTO  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>				<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%;"> <tr> <td>Application Number</td> <td>10/759813</td> </tr> <tr> <td>Filing Date</td> <td>JANUARY 15, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Edgar Benjamin Cahoon</td> </tr> <tr> <td>Art Unit</td> <td>1645</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>BB1465 USCNT</td> </tr> </table>				Application Number	10/759813	Filing Date	JANUARY 15, 2004	First Named Inventor	Edgar Benjamin Cahoon	Art Unit	1645	Examiner Name		Attorney Docket Number	BB1465 USCNT
Application Number	10/759813																		
Filing Date	JANUARY 15, 2004																		
First Named Inventor	Edgar Benjamin Cahoon																		
Art Unit	1645																		
Examiner Name																			
Attorney Docket Number	BB1465 USCNT																		
Sheet	1	of	1																

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Footnote
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	MM-DD-YYYY			
CMK	1	WO 98 46762 A	10-22-1998	COMMONWEALTH SCI.		
				AND IND. RES. ORG.		
CMK	2	WO 98 56922 A	12-17-1998	DUPONT		
CMK	3	WO 98 59042 A	12-30-1998	WASH. STATE UNIV.		
				RES. FOUNDATION		

Examiner Signature	/Chih Min Kam/	Date Considered	06/19/2006
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/759813
		Filing Date	January 15, 2004
		First Named Inventor	Edgar Benjamin Cahoon
		Art Unit	1645
		Examiner Name	Kathleen M. Kerr
		Attorney Docket Number	BBI465, USCNT
Sheet	1	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CMK	1	CRAIG SEITHER ET AL., Isolation of Cytochrome P-450 Genes from Vernonia Galamensis, Phys., Biochem. & Mol. Biol. of Plant Lipids, pp. 389-391, 1997, XP002080169	<input type="checkbox"/>
	2	ELIZABETH BLEE ET AL., Regio- and Stereoselectivity of Cytochrome P-450 and Peroxygenase-Dependent Formation of Cis-12,13-Epoxy-9(Z)-Octadecenoic Acid (Vernolic Acid) in Euphorbia Lagascae, Biochem. & Biophys. Res. Comm., Vol. 197(2):778-784, December 15, 1993, XP002211220	<input type="checkbox"/>
	3	MAUREEN BAFOR ET AL., Biosynthesis of Vernoleate (cis-12-Epoxyoctadeca-cis-9-enoate) in Microsomal Preparations from Developing Endosperm of Euphorbia lagascae, Arch. of Biochem. & Biophys., Vol. 303(1):145-151, May 15, 1993, XP001087607	<input type="checkbox"/>
	4	EMBL LIBRARY DATABASE ACCESSION NO: Y10490, JULY 17, 1998, C. R. SCHOPFER ET AL., Identification of elicitor-induced cytochrome P450s of soybean (glycine max L.) using differential display of mRNA, XP002211222	<input type="checkbox"/>
↓	5	EMBL LIBRARY DATABASE ACCESSION NO: O81971, DECEMBER 15, 1998, C. R. SCHOPFER ET AL., Identification of elicitor-induced cytochrome P450s of soybean (glycine max L.) using differential display of mRNA, XP002211223	<input type="checkbox"/>
CMK	6	EMBL LIBRARY DATABASE ACCESSION NO: AF122821, JANUARY 24, 2000, B. J. OH ET AL., A Cytochrome P450 gene is differentially expressed in compatible and incompatible interactions between pepper (Capsicum annuum) and the anthracnose fungus, Colletotrichum gloeosporioides	<input type="checkbox"/>

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/759813
Filing Date	JANUARY 15, 2004
First Named Inventor	Edgar Benjamin Cahoon
Art Unit	1645
Examiner Name	Kathleen M. Kerr
Attorney Docket Number	BB14655 USCNT

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

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CMK	7	DATABASE BIOSCIENCES INFORMATION SERVICE, REINHARD VOGEL ET AL., 1993, Seed oils for new chemical applications: 1. Vernolic acid produced by Euphorbia lagascae, Database Accession No. PREV199396038668, XP002211224	<input type="checkbox"/>
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Signature

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Date  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

## Complete If Known

Application Number	10/759,813
Filing Date	JANUARY 15, 2004
First Named Inventor	EDGAR B. CAHOON
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1465 US CNT

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
CMK		5,848,784		WILLIAM D. HITZ	12-08-1998	
		5,107,085		CHRISTINE K. SHEWMAKER ET AL.	04-21-1992	
		5,231,020		RICHARD A. JORGENSEN ET AL.	07-27-1993	
		4,845,050		JOHN C. SANFORD ET AL.	07-31-1990	
		4,883,195		KARY B. MULLIS ET AL.	07-28-1987	
		4,800,159		KARY B. MULLIS ET AL.	01-24-1989	
		5,190,931		MASAYORI INOUE	03-02-1993	
CMK		5,283,323		JAY A. BERZOFKY ET AL.	02-01-1994	

## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
CMK		WORLD	94/11516	A1	E.I. DU PONT DE NEMOURS & CO.	05-26-1994		
		WORLD	98/46762	A1	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	10-22-1998		
		WORLD	00/11176	A2	E.I. DU PONT DE NEMOURS & CO.	03-02-2000		
CMK		EUROPE	0242236	B2	PLANT GENETIC SYSTEMS N.V.	10-21-1987		

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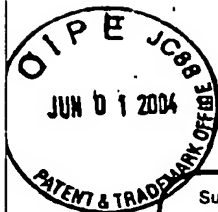
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Sheet 1 of 6

### Complete if Known

Application Number	10/759813
Filing Date	JANUARY 15, 2004
First Named Inventor	EDGAR B. CAHOON
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1465 US CNT

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		R. C. BADAMI ET AL., PROG. LIPID RES., VOL. 19:119-153, 1981, STRUCTURE AND OCCURRENCE OF UNUSUAL FATTY ACIDS IN MINOR SEED OILS	
		JOHN B. OHLROGGE, PLANT PHYS., VOL. 104:821-826, 1994, DESIGN OF NEW PLANT PRODUCTS: ENGINEERING OF FATTY ACID METABOLISM	
		MAUREEN BAFOR ET AL., ARCH. OF BIOCHEM. & BIOPHYS., VOL. 303(1):145-151, 1993, BIOSYNTHESIS OF VERNOLEATE (CIS-12-EPOXYOCTADECACIS-8-ENOATE) IN MICROSOMAL PREPARATIONS FROM DEVELOPING ENDOSPERM OF EUPHORBIA LAGASCAE	
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		ATHEL CORNISH-BOWDEN, NUCL. ACIDS RES., VOL. 13(9):3021-3030, 1985, NOMENCLATURE FOR INCOMPLETELY SPECIFIED BASES IN NUCLEIC ACID SEQUENCES: RECOMMENDATIONS	
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		STEPHEN F. ALTSCHUL ET AL., J. MOL. BIOL., VOL. 215:403-410, 1990, BASIC LOCAL ALIGNMENT SEARCH TOOL	
		JACK K. OKAMURO ET AL., BIOCHEM. OF PLANTS, VOL. 15:1-82, 1988, REGULATION OF PLANT GENE EXPRESSION: GENERAL PRINCIPLES	

Examiner  
Signature

/Chih Min Kam/

Date  
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		Application Number	10/759813
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	JANUARY 15, 2004
		First Named Inventor	EDGAR B. CAHOON
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	BB1465 US CNT
Sheet	2	of	6

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ROISIN TURNER ET AL., MOL. BIOTECH., VOL. 3:225-238, 1995, THE POTENTIAL EXPLOITATION OF PLANT VIRAL TRANSLATIONAL ENHANCERS IN BIOTECHNOLOGY FOR INCREASED GENE EXPRESSION	
		IVAN L. W. INGELBRECHT ET AL., PLANT CELL, VOL. 1:671-680, 1989, DIFFERENT 3' END REGIONS STRONGLY INFLUENCE THE LEVEL OF GENE EXPRESSION IN PLANT CELLS	
		MAARTEN J. CHRISPEELS, ANNU. REV. PLANT PHYS. PLANT MOL. BIOL., VOL. 42:21-53, 1991, SORTING OF PROTEINS IN THE SECRETORY SYSTEM	
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		T. M. KLEIN ET AL., NATURE, VOL. 327:70-73, 1987, HIGH-VELOCITY MICROPROJECTILES FOR DELIVERING NUCLEIC ACIDS INTO LIVING CELLS	
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		ELIONOR P.P. DE ALMEIDA ET AL., MOL. GEN. GENET., VOL. 218:78-88, 1989, TRANSGENIC EXPRESSION OF TWO MARKER GENES UNDER THE CONTROL OF AN ARABIDOPSIS RBCS PROMOTER: SEQUENCES ENCODING THE RUBISCO TRANSIT PEPTIDE INCREASE EXPRESSION LEVELS	
		MICHAEL A. FROHMAN ET AL., PNAS, VOL. 85:8998-9002, 1988, RAPID PRODUCTION OF FULL-LENGTH RARE TRANSCRIPTS: AMPLIFICATION USING A SINGLE OLIGONUCLEOTIDE PRIMER	
		OSAMU OHARA ET AL., PNAS, VOL. 86:5873-5877, 1989, ONE-SIDED POLYMERASE CHAIN REACTION: THE AMPLIFICATION OF CDNA	
		ELWYN Y. LOH ET AL., SCIENCE, VOL. 243:217-220, 1989, POLYMERASE CHAIN REACTION WITH SINGLE-SIDED SPECIFICITY: ANALYSIS OF T CELL RECEPTOR & CHAIN	

Examiner Signature	/Chih Min Kam/	Date Considered	06/19/2006
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		MICHAEL A. FROHMAN ET AL., METH. CELL & MOL. BIOL., VOL. 1(3):165-170, 1989, RAPID AMPLIFICATION OF CDNA ENDS USING NESTED PRIMERS	
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		JORG D. HOHEISEL ET AL., NONMAMMALIAN GENOMIC ANALYSIS: A PRACTICAL GUIDE, ACADEMIC PRESS 1996, PP. 319-346	
		BARBARA J. TRASK, TIG, VOL. 7(5):149-154, 1991, FLUORESCENCE IN SITU HYBRIDIZATION: APPLICATIONS IN CYTOGENETICS AND GENE MAPPING	
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		ULF LANDEGREN ET AL., SCIENCE, VOL. 241:1077-1080, 1988, A LIGASE-MEDIATED GENE DETECTION TECHNIQUE	

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/759813
		Filing Date	JANUARY 15, 2004
		First Named Inventor	EDGAR B. CAHOON
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet	4	of	6
		Attorney Docket Number	BB1465 US CNT

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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Examiner Signature	/Chih Min Kam/	Date Considered	06/19/2006
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 6

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/Chih Min Kam/

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# Notice of References Cited

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09/909,566

Applicant(s)/Patent Under  
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Examiner

Kathleen M Kerr

Art Unit

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## U.S. PATENT DOCUMENTS

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## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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